

FILE 'HOME' ENTERED AT 15:49:35 ON 05 SEP 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:49:41 ON 05 SEP 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 SEP 2003 HIGHEST RN 579436-73-0

DICTIONARY FILE UPDATES: 4 SEP 2003 HIGHEST RN 579436-73-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Al and 0.9-0.99/O and 0.01-0.1/S

86178 1-1.1/LI

17559 0.01-0.99/NI

16365 0-0.99/CO

6175 0.01-0.1/AL

942 0.9-0.99/O

1020 0.01-0.1/S

L1 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/AL AND 0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Mg and 0.9-0.99/O and 0.01-0.1/S

86178 1-1.1/LI

17559 0.01-0.99/NI

16365 0-0.99/CO

9279 0.01-0.1/MG

942 0.9-0.99/O

1020 0.01-0.1/S

L2 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/MG AND 0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Sr and 0.9-0.99/O and 0.01-0.1/S

86178 1-1.1/LI

17559 0.01-0.99/NI

16365 0-0.99/CO

8364 0.01-0.1/SR

942 0.9-0.99/O

1020 0.01-0.1/S

L3 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/SR AND 0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/La and 0.9-0.99/O and 0.01-0.1/S

```

86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
5914 0.01-0.1/LA
942 0.9-0.99/O
1020 0.01-0.1/S
L4      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/LA AND
        0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Ce and 0.9-0.99/O and
0.01-0.1/S
86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
3394 0.01-0.1/CE
942 0.9-0.99/O
1020 0.01-0.1/S
L5      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/CE AND
        0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/V and 0.9-0.99/O and
0.01-0.1/S
86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
1753 0.01-0.1/V
942 0.9-0.99/O
1020 0.01-0.1/S
L6      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/V AND 0.9-0
        .99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Ti and 0.9-0.99/O and
0.01-0.1/S
86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
6425 0.01-0.1/TI
942 0.9-0.99/O
1020 0.01-0.1/S
L7      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/TI AND
        0.9-0.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Al and 0.9-0.99/O and
0.01-0.1/F
86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
6175 0.01-0.1/AL
942 0.9-0.99/O
1340 0.01-0.1/F
L8      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/AL AND
        0.9-0.99/O AND 0.01-0.1/F

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Al and 1.9-1.99/O and
0.01-0.1/S
86178 1-1.1/LI
17559 0.01-0.99/NI
16365 0-0.99/CO
6175 0.01-0.1/AL
4260 1.9-1.99/O
1020 0.01-0.1/S
L9      0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/AL AND
        1.9-1.99/O AND 0.01-0.1/S

```

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Mg and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
9279 0.01-0.1/MG  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L10 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/MG AND 1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Sr and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
8364 0.01-0.1/SR  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L11 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/SR AND 1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/La and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
5914 0.01-0.1/LA  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L12 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/LA AND 1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Ce and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
3394 0.01-0.1/CE  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L13 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/CE AND 1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/V and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
1753 0.01-0.1/V  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L14 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/V AND 1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Ti and 1.9-1.99/O and 0.01-0.1/S

86178 1-1.1/LI  
17559 0.01-0.99/NI  
16365 0-0.99/CO  
6425 0.01-0.1/TI  
4260 1.9-1.99/O  
1020 0.01-0.1/S

L15 0 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/TI AND

1.9-1.99/O AND 0.01-0.1/S

=> s 1-1.1/Li and 0.01-0.99/Ni and 0-0.99/Co and 0.01-0.1/Al and 1.9-1.99/O and 0.01-0.1/F

86178 1-1.1/LI

17559 0.01-0.99/NI

16365 0-0.99/CO

6175 0.01-0.1/AL

4260 1.9-1.99/O

1340 0.01-0.1/F

L16

4 1-1.1/LI AND 0.01-0.99/NI AND 0-0.99/CO AND 0.01-0.1/AL AND 1.9-1.99/O AND 0.01-0.1/F